

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L3    | 2    | "6275605".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/12 16:36 |
| L4    | 7    | ("5012333"   "5060061"   "5164993"   "5454044"   "5633511").PN. OR ("6275605").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/11/12 16:40 |
| L5    | 2596 | tone near1 scale   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/12 16:43 |
| L6    | 36   | (compress\$4 or expans\$4) near L5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/12 16:44 |
| L7    | 16   | (compress\$4 and expans\$4) near L5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/12 16:44 |
| L8    | 34   | ("4812903"   "5012333"   "5454044"   "5467404"   "5471987"   "5493622"   "5608813"   "5717791"   "5774599"   "5796870"   "6069979").PN. OR ("6285798").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/11/12 16:59 |
| S1    | 1150 | 382/274.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/27 16:17 |
| S2    | 2587 | tone near1 scale   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/07 15:55 |

## EAST Search History

|     |      |                                   |   |    |    |                  |
|-----|------|-----------------------------------|---|----|----|------------------|
| S3  | 46   | S1 and S2                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/27 16:01 |
| S4  | 400  | (compress\$4 or expans\$4) and S1 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/12 16:43 |
| S5  | 278  | 382/169.ccls.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/27 16:17 |
| S6  | 1157 | 382/274.ccls.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/07 15:55 |
| S7  | 278  | 382/169.ccls.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/07 15:55 |
| S8  | 1353 | S6 or S7                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/07 15:55 |
| S9  | 2592 | tone near1 scale                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:21 |
| S10 | 54   | S8 and S9                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/07 15:55 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S11 | 2592 | tone near1 scale   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:21 |
| S12 | 2    | S11 near decompos\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:21 |
| S13 | 17   | S11 same decompos\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:24 |
| S14 | 8    | S11 near (decompos\$4 or split\$3 or divid\$4)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 13:32 |
| S15 | 2596 | tone near1 scale   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 13:46 |
| S16 | 21   | S15 near (decompos\$4 or split\$3 or divid\$4 or separat\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 13:46 |
| S17 | 278  | S15 and (parting or partition or break or broke or breaking) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 13:38 |
| S18 | 190  | tone near1 scale near2 (function or equation)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 13:46 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S19 | 7555216 | (decompos\$4 or split\$3 or divid\$4 or separat\$4 or parting or partition or break or broke or breaking) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 13:47 |
| S20 | 130     | S18 and S19   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 13:47 |
| S21 | 4       | S18 near S19  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 13:48 |
| S22 | 50      | S18 same S19  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 13:48 |
| S23 | 4       | 10/280372   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 14:28 |
| S24 | 12      | 10/178260   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 14:31 |
| S25 | 2       | "5854851".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 14:33 |
| S26 | 2       | "6563945".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 15:53 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S27 | 764   | ton\$3 adj reproduct\$4 adj curve          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 15:59 |
| S28 | 174   | S27 and "382".clas.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 15:55 |
| S29 | 13780 | (ton\$3 adj reproduct\$4 adj curve)<br>trc | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 16:00 |
| S30 | 250   | S29 and "382".clas.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 16:12 |
| S31 | 2     | "6285798".pn.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 16:13 |
| S32 | 2     | "5774599".pn.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 16:14 |
| S33 | 2     | "5724456".pn.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 16:15 |
| S34 | 2     | "5528399".pn.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 16:15 |

## EAST Search History

|     |   |             |   |    |    |                  |
|-----|---|-------------|---|----|----|------------------|
| S35 | 4 | 09/163645   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/10 14:16 |
| S36 | 0 | "10692220"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/10 14:16 |
| S37 | 1 | "10/692220" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/10 14:16 |

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------|---|------------------|---------|------------------|
| L6    | 84   | 382/277.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/12 18:58 |
| L7    | 1331 | 382/162.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/12 18:58 |
| L8    | 935  | 382/260.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/12 18:59 |
| L9    | 4590 | 358/1.9.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/12 18:59 |
| L10   | 133  | 358/528.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/12 18:59 |